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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/849,082
		Filing Date	May 19, 2004
		First Named Inventor	Piera S. Sun
		Group Art Unit	1642
		Examiner Name	To Be Assigned
Total Number of Pages in This Submission	4 pages and 16 cited references	Attorney Docket Number	201040/1091

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> A copy of the Notice to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Application Data Sheet <input type="checkbox"/> Request for Corrected Filing Receipt with Enclosures <input checked="" type="checkbox"/> A self-addressed, prepaid postcard for acknowledging receipt <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO/SB/08 (2 pages) (in duplicate) Copy of International Search Report 16 cited references
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Firm or Individual name	Noreen L. Connolly Nixon Peabody LLP Clinton Square, P.O. Box 31051 Rochester, New York 14603-1051 Telephone: (585) 263-1597 Fax: (585) 263-1600
Signature	 Registration No. 48,987
Date	July 28, 2005

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Mary Burke Typed or printed name	



PATENT
Docket No.: 201040/1091

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Piera S. Sun

Serial No. : 10/849,082

Cnfrm. No. : 5673

Filed : May 19, 2004

For : METHOD FOR DIRECT NUCLEIC ACID UPTAKE

Examiner:
To Be Assigned

Art Unit:
1642

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.97-1.98

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Pursuant to 37 CFR §§ 1.97-1.98, applicants hereby bring to the attention of the United States Patent and Trademark Office, the enclosed references listed on the attached PTO/SB/08 form. References in positions 1, 4, and 15 were cited in an International Search Report (copy enclosed) for the corresponding PCT patent application.

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Respectfully submitted,

Date: July 28, 2005

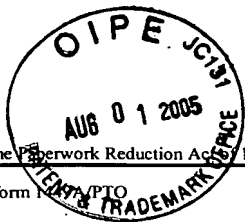
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PTO/SB/08A (10-01)

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				Application Number	10/849,082
				Filing Date	May 19, 2004
				First Named Inventor	Piera S. Sun
				Art Unit	1642
				Examiner Name	To Be Assigned
Sheet	1	of	2	Attorney Docket Number	201040/1091

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
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FOREIGN PATENT DOCUMENTS						
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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	1	AHN et al., "Biodegradable Poly(Ethylenimine) for Plasmid DNA Delivery," <i>J. of Controlled Release</i> 80:273-282 (2002)	
	2	ARENAL et al., "Gene Transfer in Shrimp (<i>Litopenaeus schmitti</i>) by Electroporation of Single-Cell Embryos and Injection of Naked DNA into Adult Muscle," <i>Biotechnologia Aplicada</i> 17:247-250 (2000)	
	3	BACHERE et al., "Transgenic Crustaceans," <i>World Aquaculture</i> 28(4):51-55 (1997)	
	4	BOUSSIF et al., "A Versatile Vector for Gene and Oligonucleotide Transfer Into Cell in Culture and In Vivo: Polyethylenimine," <i>Proc. Natl. Acad. Sci. USA</i> 92:7297-7301 (1995)	

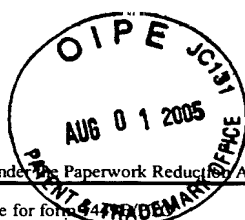
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				Application Number	10/849,082
				Filing Date	May 19, 2004
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				Examiner Name	To Be Assigned
Sheet	2	of	2	Attorney Docket Number	201040/1091

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	5	CADORET et al., "Microinjection of Bivalve Eggs: Application in Genetics," <i>Mol. Mar. Biol. Biotechnol.</i> 6:72-77 (1997)		
	6	CARBALLADA et al., "Transfection of Mouse Eggs and Embryos Using DNA Combined to Cationic Liposomes," <i>Mol. Reprod. Dev.</i> 56:360-365 (2000)		
	7	CHONG et al., "Expression and Fate of CAT Reporter Gene Microinjected into Fertilized Medaka (<i>Oryzias latipes</i>) Eggs in the Form of Plasmid DNA, Recombinant Phage Particles and its DNA," <i>Theor. Appl. Genet.</i> 78:369-380 (1989)		
	8	COLLAS et al., "Transferring Foreign Genes into Zebrafish Eggs By Microinjection," In Houdebine, L.M. (ed.) <i>Transgenic Animals- Generation and Use</i> , Harwood Academic Publishers, pp. 119-122 (1997)		
	9	HORBINSKI et al., "Polyethylenimine-Mediated Transfection of Cultured Postmitotic Neurons From Rat Sympathetic Ganglia and Adult Human Retina," <i>BMC Neuroscience</i> 2:2, 8 pgs., February 16, 2001		
	10	MACLEAN et al., "Transgene Transmission and Expression in Rainbow Trout and Tilapia," <i>Mol. Mar. Biol. Biotechnol.</i> 1:355-365 (1992)		
	11	MIALHE et al., "Future of Biotechnology-Based Control of Disease in Marine Invertebrates," <i>Mol. Mar. Biol. Biotechnol.</i> 4(4):275-283 (1995)		
	12	PENMAN et al., "Factors Effecting Survival and Integration Following Micro-Injection of Novel DNA in Rainbow Trout Eggs," <i>Aquaculture</i> 85:35-50 (1990)		
	13	PRESTON et al., "Delivery of DNA to Early Embryos of the Kuruma Prawn, <i>Penaeus japonicus</i> ," <i>Aquaculture</i> 181:225-234 (2000)		
	14	REMY et al., "Gene-Transfer with Lipospermines and Polyethylenimines," <i>Adv. Drug Delivery Rev.</i> 30:85-95 (1998)		
	15	TSENG et al., "Introducing Foreign DNA Into Tiger Shrimp (<i>Penaeus monodon</i>) by Electroporation," <i>Theriogenology</i> 54:1421-1432 (2000)		
	16	WALL, R.J., "New Gene Transfer Methods," <i>Theriogenology</i> 57:189-201 (2002)		

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